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1. (currently amended): A method for detecting pregnancy in a bovine animal comprising:
- obtaining a sample from said animal; and
 - contacting said sample with an antibody that binds immunologically to at least one pregnancy associated antigen (PAG), wherein said PAG is present in early pregnancy and absent/undetectable at about two months post-partum, and wherein said PAG is selected from the group consisting of PAG4 (SEQ ID NO:27), PAG6 (SEQ ID NO:29), PAG7 (SEQ ID NO:30), PAG 16 (SEQ ID NO:46); PAG 17 (SEQ ID NO:48); PAG 20 (SEQ ID NO:54) and PAG 21 (SEQ ID NO:56); and
 - detecting said PAG bound to said antibody;

whereby the presence of said PAG in said sample indicates that said animal is pregnant.

(canceled):

(original): The method of claim 1, wherein said sample is saliva, serum, blood, milk or urine.

(original): The method of claim 3, wherein said sample is saliva.

(original): The method of claim 3, wherein said sample is serum.

(original): The method of claim 3, wherein said sample is blood.

(original): The method of claim 3, wherein said sample is milk.

(original): The method of claim 3, wherein said sample is urine.

(canceled)

(currently amended): The method of claim 1, wherein said detection comprises detection of bovine PAG (BePAG) 2 (SEQ ID NO:25), BePAG4 (SEQ ID NO:27), BePAG5 (SEQ ID NO:28), BePAG6 (SEQ ID NO:29), BePAG7 (SEQ ID NO:30), BePAG9 (SEQ ID NO:32), BePAG 7v (SEQ ID NO:40), BePAG9v (SEQ ID NO:42), BePAG 15 (SEQ ID NO:44), BePAG 16 (SEQ ID NO:46), BePAG 17 (SEQ ID NO:48), BePAG 18 (SEQ ID NO:50), BePAG 19 (SEQ ID NO:52), BePAG 20 (SEQ ID NO:54) or BePAG 21 (SEQ ID NO:56) with polyclonal antisera.

(currently amended): The method of claim 1, wherein said detection comprises detection of bovine PAG (BePAG) 2 (SEQ ID NO:25), BePAG4 (SEQ ID NO:27), BePAG5 (SEQ ID NO:28), BePAG6 (SEQ ID NO:29), BePAG7 (SEQ ID NO:30), BePAG9 (SEQ ID NO:32), BePAG 7v (SEQ ID NO:40), BePAG9v (SEQ ID NO:42), BePAG 15 (SEQ ID NO:44), BePAG 16 (SEQ ID NO:46), BePAG 17 (SEQ ID NO:48), BePAG 18 (SEQ ID

NO:50); BePAG 19 (SEQ ID NO:52); BePAG 20 (SEQ ID NO:54) or BePAG 21 (SEQ ID NO:56) with a monoclonal antibody preparation.

10. (previously presented): The method of claim 1, wherein said detection comprises ELISA.

11. (previously presented): The method of claim 1, wherein said detection comprises RIA.

12. (previously presented): The method of claim 1, wherein said detection comprises Western blot.

13-29 (canceled)

13. 30. (original): The method of claim 1, further comprising detecting a second PAG in said sample.

14. 31. (original): The method of claim 30, further comprising detecting a third PAG in said sample.

15. 32. (original): The method of claim 12, wherein said ELISA is a sandwich ELISA comprising binding of a PAG to a first antibody preparation fixed to a substrate and a second antibody preparation labeled with an enzyme.

16. 33. (original): The method of claim 32, wherein said enzyme is alkaline phosphatase or horseradish peroxidase.

17. 34. (original): The method of claim 32, wherein said first antibody preparation is monoclonal.

35-183 (canceled)

18. Please add new claims 184-190 as follows:

184. The method of claim 1, wherein said PAG is PAG4 (SEQ ID NO:27).

185. The method of claim 1, wherein said PAG is PAG6 (SEQ ID NO:29).

186. The method of claim 1, wherein said PAG is PAG7 (SEQ ID NO:30).

187. The method of claim 1, wherein said PAG is PAG 16 (SEQ ID NO:46).

188. The method of claim 1, wherein said PAG is PAG 17 (SEQ ID NO:48).

189. The method of claim 1, wherein said PAG is PAG 20 (SEQ ID NO:54).

190. The method of claim 1, wherein said PAG is PAG 21 (SEQ ID NO:56).